

FIG. 1

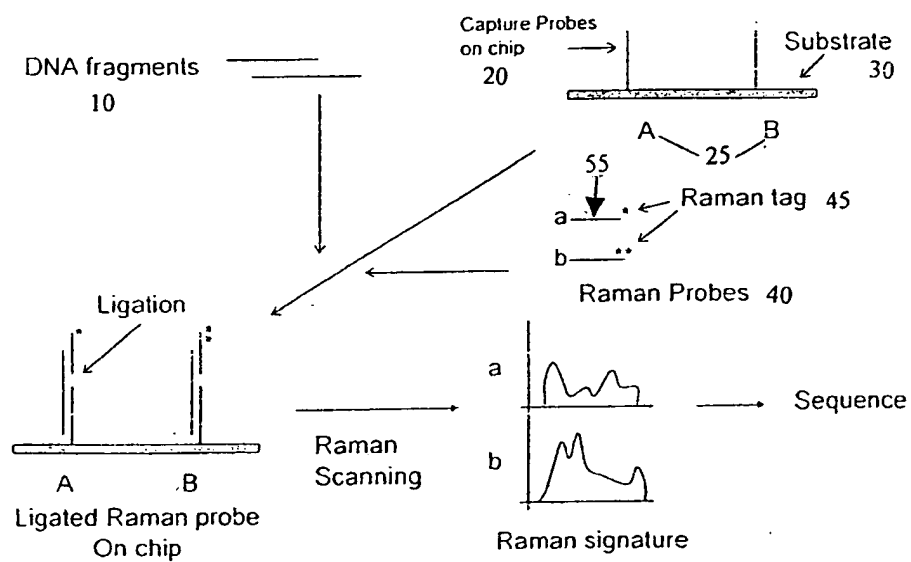


FIG. 2

Raman probe structure and detection

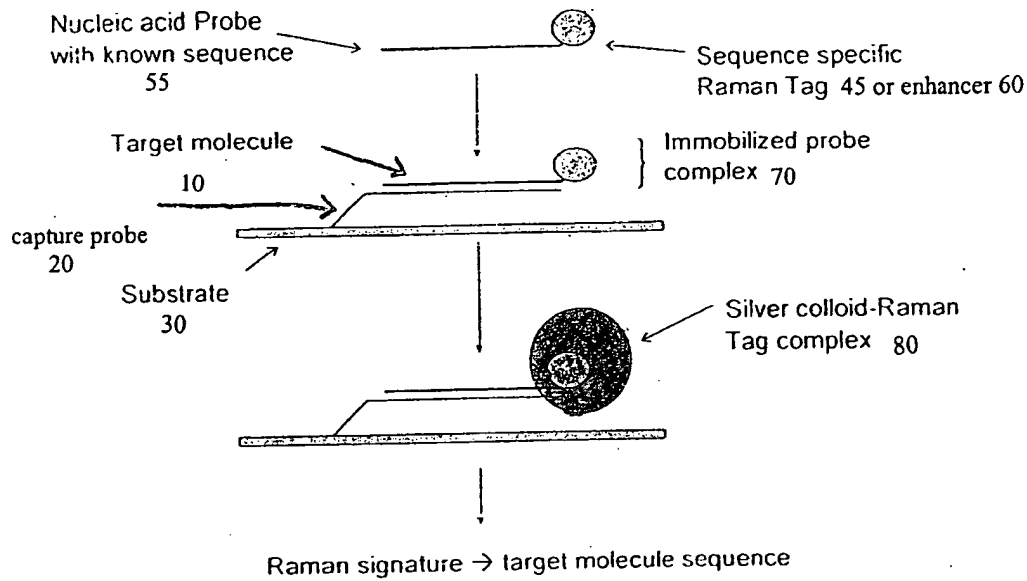


FIG. 3

Chip Design and Sequence Determination

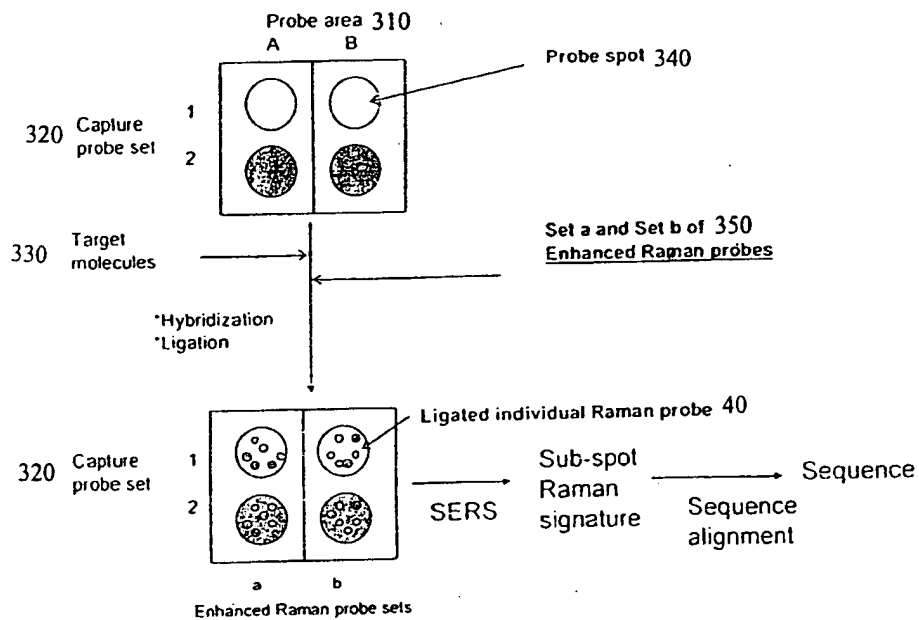


FIG. 4

FIG. 4a

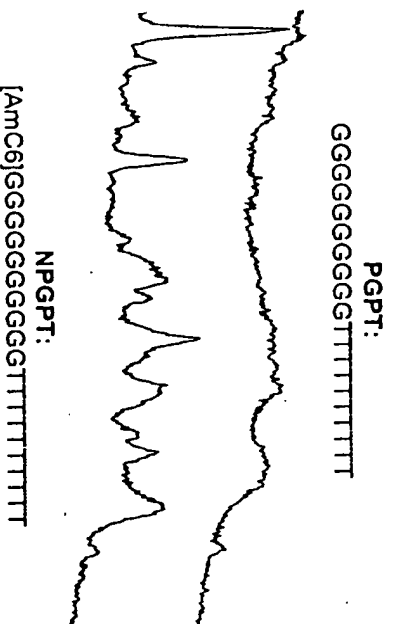


FIG. 4b

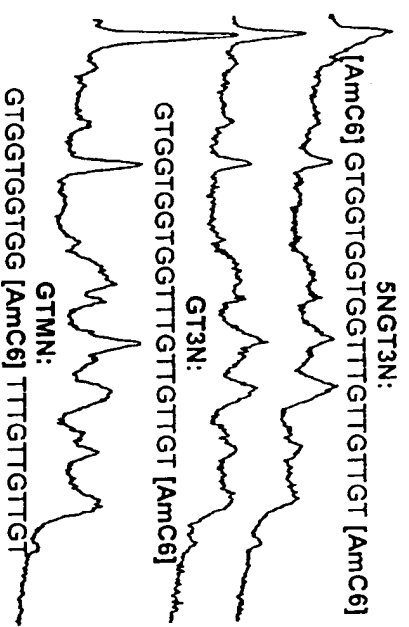


FIG. 4c

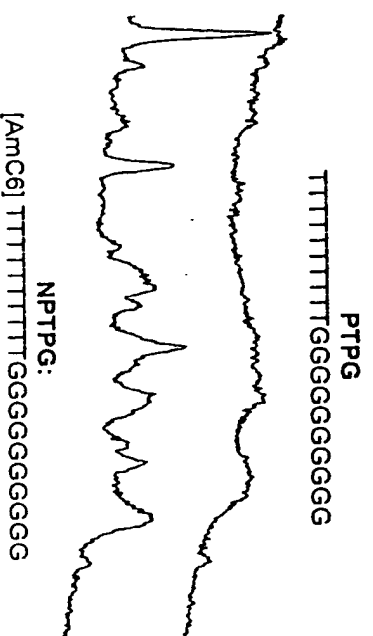


FIG. 4d

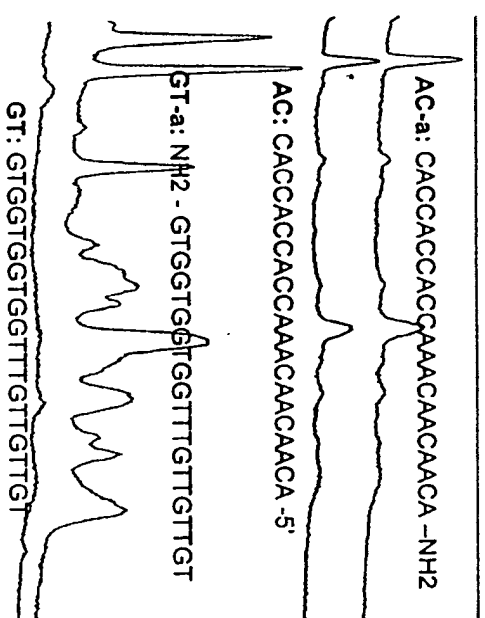


FIG. 5a

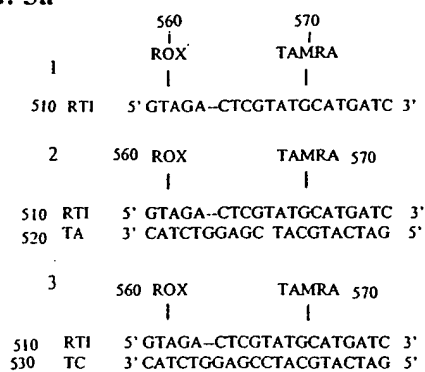


FIG. 5

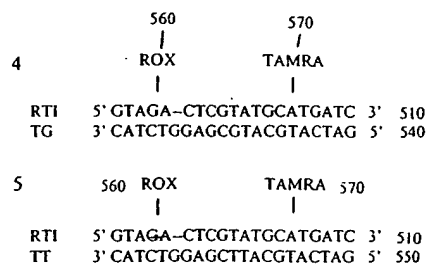


FIG. 5b

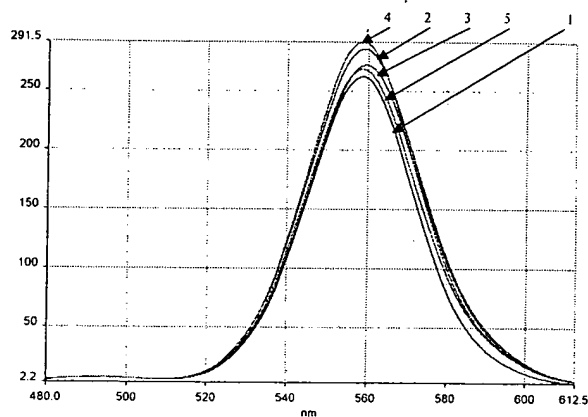


FIG. 6

